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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/020,948	12/19/2001	Shuji Otsuka	011728	8670
23850	7590	06/30/2004	EXAMINER	
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K STREET, NW SUITE 1000 WASHINGTON, DC 20006			PEACHES, RANDY	
			ART UNIT	PAPER NUMBER
			2686	

DATE MAILED: 06/30/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

### Application No.

10/020,948

### Applicant(s)

OTSUKA ET AL.

### Examiner

Randy Peaches

### Art Unit

2686

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE \_\_\_\_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☒ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 10/30/2003.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Priority*

Should applicant desire to obtain the benefit of foreign priority under 35 U.S.C. 119(a)-(d) prior to declaration of an interference, a translation of the foreign application should be submitted under 37 CFR 1.55 in reply to this action.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –  
(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. ***Claims 1-9*** are rejected under 35 U.S.C. 102(e) as being anticipated by Obradovich (U.S. Patent Number 6,525,768 B2).

Regarding claim 1, Obradovich discloses a personal communication device (PCD), hereinafter referenced as "device", which reads on claimed "portable communication device", comprising:

- a GPS receiver (243), which reads on claimed "location data receiving means", for receiving reference location data from a plurality of location base stations provided on satellites and/or the ground. See column 7 lines 24-25.

- a GPS engine (53), which reads on claimed "location detection means" for detecting location information indicating a location of the device based on the reference location data received by the location data receiving means. See column 8 lines 40-45.
- information input means for inputting identifying information of a third party, which reads on claimed "communication terminal device", e.g. cell cite location (see column 24 lines 29-32), to which the location information is to be transmitted. See columns 4 and 25 lines 15-26 lines 18-27, respectively.
- send key (27B) to be manipulated when the location information is transmitted to the communication terminal device. See column 25 and 14 lines 18-27 lines 19-20, respectively, and
- a universal converter (see column 8 lines 46-54), which reads on claimed "transmitting means" for converting the location information detected by the location detection means to a radio signal and transmitting the radio signal to the communication terminal device having the inputted identifying information (see columns 24 and 8 lines 7-12 lines 46-54) via a switching office of the telephone line network, when the transmitting key is manipulated. See column 24 lines 3-15.

Regarding **claim 2**, according to **claim 1**, Obradovich further teaches of when the send key (27B) is manipulated, the transmitting means converts to a radio signal notification information that a location indicated by the location information is a present location of

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the user to transmit the radio signal to the communication terminal device having the inputted identifying information via the switching office of the telephone line network.

See columns 10 and 28 lines 46-52 lines 24-34 lines 43-53, respectively.

Regarding **claim 3**, according to **claim 1**, Obradovich further teaches wherein the device is equipped with a digital camera (1208), which reads on claimed "image pickup device", and when the send key (27B) is manipulated, the transmitting means converts to a radio signal image data obtained from photography by the image pickup device to transmit the radio signal to the communication terminal device having the inputted identifying information via the switching office of the telephone line network. See column 23 lines 37-44.

Regarding **claim 4**, according to **claim 1**, Obradovich further teaches wherein wherein the said GPS engine comprises:

- information storage means for storing therein a plurality of items of location information including map information and/or address information. See column 10 lines 29-32, and
- information extraction means for extracting one item of location information indicating the location of the portable communication device out of the plurality of items of location information based on the reference location data received. See column 10 lines 29-39.

Regarding **claim 5**, according to **claim 4**, Obradovich further teaches:

- one or more displays for showing information. See FIGURE 2,
- an image pickup key to be manipulated when the image is photographed. See column 23 lines 12-19, and
- transmit display-processing means for showing on the one or more displays the detected location information and the image photographed by the image pickup device when the image pickup key is manipulated. See column 4 lines 11-27.

Regarding **claim 6**, according to **claim 5**, Obradovich further teaches wherein:

- device is equipped with two displays. See FIGURE 11.
- the transmit display processing means has the detected location information shown on one display, and has the image photographed by the said digital camera (1208) shown on the other display. See columns 11 and 12 lines 53-57 lines 1-19, respectively.

Regarding **claim 7**, according to **claim 5**, Obradovich further teaches wherein:

- each item of location information includes map information at least. See columns 11 and 12 lines 53-57 lines 1-19, respectively, and
- the transmit display processing means has the location of the device shown to be superposed on the map information shown on the one or more displays. See column 12 lines 15-19 and FIGURE 11.

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Regarding **claims 8 and 9**, according to **claims 5 and 6**, Obradovich further teaches:

- radio signal receiving means for receiving a radio signal from the switching office of the telephone line network. See column 12 lines 1-11, and
- receiving display processing means for showing on one or more displays the location information constituting the radio signal received by the radio signal receiving means and the image having image data constituting the radio signal. See column 12 lines 12-19.

### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Randy Peaches whose telephone number is (703) 305-8993. The examiner can normally be reached on Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha D. Banks-Harold can be reached on (703) 305-4379. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



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*Nguyen T. Vo*

6-27-04

RP  
June 17, 2004

NGUYEN T. VO  
PRIMARY EXAMINER